Statement of Work

United States Agency for Global Media

Thailand Transmitting Station; Rasom, Phachi, Ayutthaya Province

Replacement of Very Early Smoke Detection Apparatus System (VESDA)

for DX-1000 Harris transmitter

BACKGROUND/STATEMENT OF NEED:

The VESDA Laser SCANNER VLS-304 was originally installed in September 2000. The VESDA installed at Rasom is a very early model Smoke Detection Apparatus. Thus replacement parts have been harder to come by. Recently one of the two control panels was damage by water causing it to fail. The manufacturers no longer produce replacement component parts for this model of Panel. This system has been commonly oversensitive to normal conditions produced by the DX 1000 transmitter causing false error indications. Therefore, to stay in compliance with safety requirements, replacement of the existing VESDA system and its piping network should be carried out ASAP. The latest fire safety hardware models provide reliable, highly sensitive, early warning smoke detection with superior performance and protection.

OBJECTIVE(S):

The U.S. Agency for Global Media, Thailand Transmitting Station (USAGM/TTS) is soliciting services of labor; materials and fully comprehensive work to provide a replacement design and perform installation of our current smoke detection apparatus at the Rasom Transmitting Plant.

SCOPE OF WORK:

- The contractor shall design the smoke detector pipe for eight sections of DX-1000 Harris transmitter.
- The contractor shall provide machines, tools, material, and labor to install two VESDA units, also VESDA software that will allow remote monitoring, configuration & management over the Internet using PC (Window 10).
- The contractor shall provide machines, tools, material, and labor to install the smoke detector pipe network to the DX-1000 Harris transmitter.
- The contractor shall install remote relays for remote alarm monitoring and combination of signaling at the guardhouse.
- The Contractor shall provide a detailed work schedule and bar chart schedule with the proposal. All required work shall be completed within 90 days of receipt of the “Notice to Proceed” (NTP) letter from the Contract Officer.

Proposal Evaluation Criteria:

The major evaluation factors for this solicitation involve technical knowledge (which includes material specifications, management approach, experience, past performance) and cost/price factors. Although technical factors are of paramount consideration in the award of the contract,

cost is also important to the overall contract award decision. All evaluation factors other than cost, when combined, are significantly more important than cost. In any case, the Government reserves the right to make award to that vendor whose proposal provides the best overall value to the Government.

The evaluation will be based on the demonstrated capabilities of the prospective Contractors in relation to the needs of the project as set forth in the solicitation. The merits of each proposal will be evaluated carefully. Vendors must submit information sufficient to evaluate their proposals based on the detailed criteria below:

Technical Proposal criteria:

1. Description of workflow
2. Drawing of the VESDA system layout
3. Quality of the construction materials proposed for the project
4. Schedule
5. Past performance for similar work accomplished
6. Safety Plan

Final Inspection and System Training: The Contractor shall be commissioned using station recommended procedures and by a factory certified technician. A report shall be provided after installation detailing commissioning procedures followed.

After installation and commissioning is complete, a training session shall be provided by the contractor for all interested USAGM. The training session shall be a minimum of 8 hours.

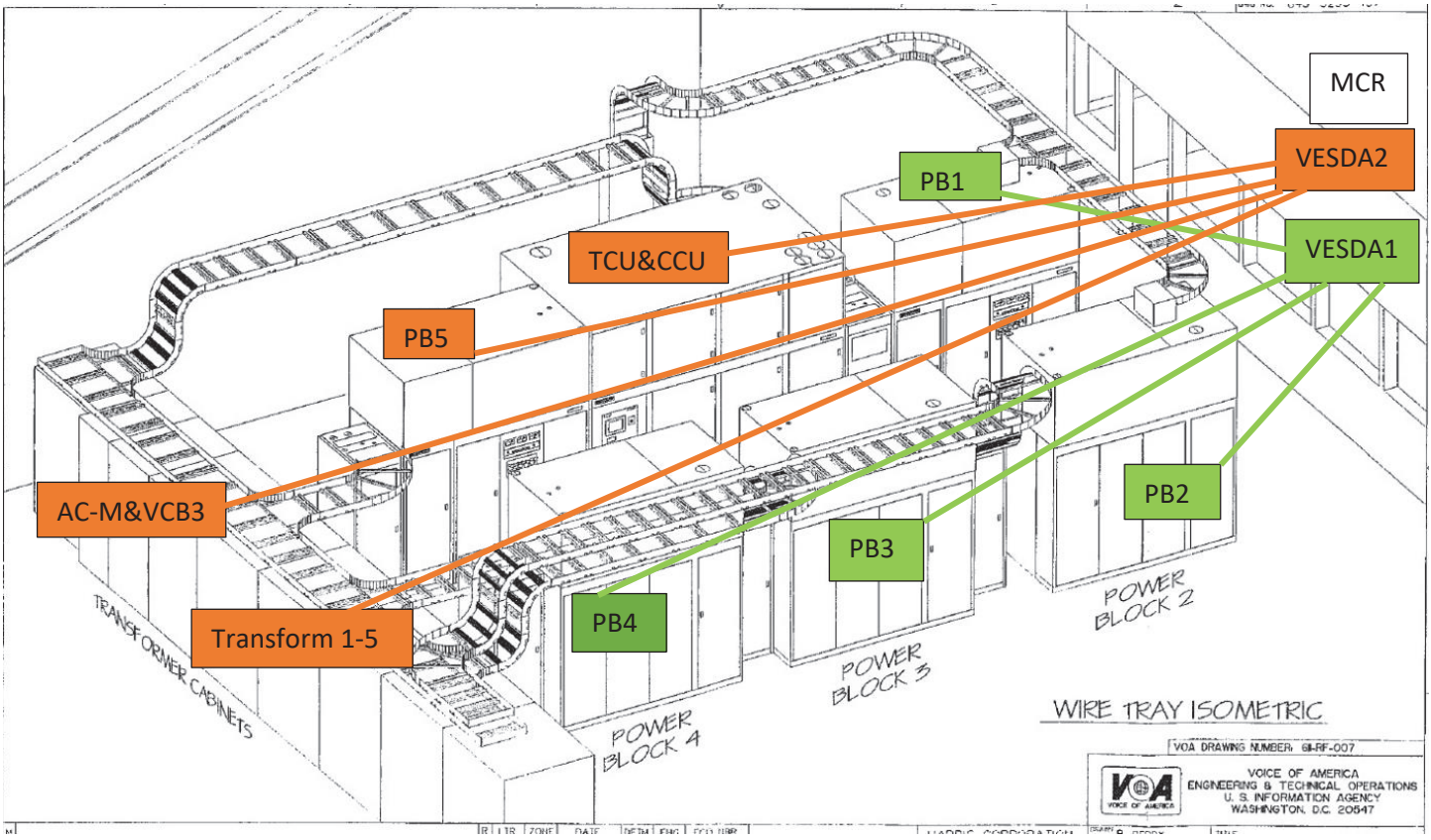
Working HOURS: The Contractor shall perform its site installation work during normal USAGM business hours, currently between 8:00 a.m. to 2:30 p.m. Monday – Friday except on Thai and American holidays. Any on-site work by the Contractor outside of these hours must be coordinated in advance with and approved in writing by the Contracting Officer.

WARRANTY

The installing contractor shall provide minimum of one (1) year warranty that includes all parts, materials, labor, travel costs, and all miscellaneous costs after the project completion.

The Contractor must be able to respond to a service request by the next business day, during normal business hours (Monday through Friday, 8am to 3pm).

[End of Statement of Work]



Rasom station is looking for design and install two VESDA-E:VEP-A10-P for being smoke detector of Dx-1000 Harris transmitter. The area of smoke detector are divided into eight section (pipe) that each section has its own cabinet. Two VESDA-E:VEP-A10-P units could be used for smoking detector by eight pipes that run a pipe for each section as follows:

VESDA Zone 1 has 4 pipe as follow:

Power block 1 and Rectifier cabinet 1 (PB1 &REC1)

1. Power block 2 and Rectifier cabinet 2 (PB2 &REC2)
2. Power block 3 and Rectifier cabinet 3 (PB3 &REC3)
3. Power block 4 and Rectifier cabinet 4 (PB4&REC4)

VESDA Zone 2 has 4 pipe as follow:

1. Power block 5 and Rectifier cabinet 5 (PB5&REC5)
2. Transmitter control unit cabinet and Combiner cabinet (TCU&CCU)
3. Transformer cabinet 1,2,3,4 and 5. (Transformer 1-5)
4. AC Metering Cabinet, MV/LV Transformer and Power line circuit breaker (VCB3) (AC-M&VCB3)

Two VESDA units should be installed in MCR where is air condition room and close to the DX-1000 transmitter. Eight detector pipe will be run through the ceiling of MCR and direct to the detector section. The picture show the location of smoke detector area and two VESDA-E:VEP-A10-P .